Subject Index

Artificial intelligence

Artificial Intelligence, Murray A. Muspratt, EI July 86 p158-169.

ASCE Activities

Member Services through a Local ASCE Office, Richard W. Fulong, EI July 86 p178-185.

ASCE Policy

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Who Should be Responsible for Structural Steel Design? Edward P. Becker, EI Apr. 86 p134-140.

ASCE Publications

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

ASCE Sections

Member Services through a Local ASCE Office, Richard W. Fulong, EI July 86 p178-185.

ASCE Service to Members

Member Services through a Local ASCE Office, Richard W. Fulong, EI July 86 p178-185.

ASCE Younger Members

Civil Engineers' Image: Are Younger Members Our Messiah? C. R. Pennoni, EI Oct. 86 p256-259.

Australia

An Environmentally Acceptable Coal Port (*Ports '80,* 1980), Paul Soros and Mohammed Osman p11-31.

Bearing capacity

Pulverized Coal Ash as Structural Fill, Gerald A. Leonards and Bruce Bailey, GT Apr. 82 p517-531.

Bond issues

Tax Exempt Bonds Under Attack: A Concern for Engineers, Elmer B. Isaak, EI July 86 p212-217.

Bridges, box girder

Structural Response of Skew RC Box Girder Bridge, Alexander C. Scordelis, S. Tanvir Wasti and Frieder Seible, ST Jan. 82 p89-104.

Ultimate Strength of Skew RC Box Girder Bridge, Alexander C. Scordelis, Jack G. Boukamp, S. Tanvir Wasti and Frieder Seible, ST Jan. 82 p105-121.

Building codes

Building Structural Failures—Their Cause and Prevention, James G. Gross, EI Oct. 86 p236-248.

Building design

Building Structural Failures—Their Cause and Prevention, James G. Gross, EI Oct. 86 p236-248.

Chemical oxygen demand

Calorific Value of Wastewater Plant Sludges, Alphonse E. Zanoni and David L. Mueller, EE Feb. 82 p187-195.

Civil engineering

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Civil engineers

ASCE 1985 Salary Survey, The Committee on Employment Conditions of the Professional Practice Division, EI Oct. 86 p307-326.

Civil Engineers' Image: Are Younger Members Our Messiah? C. R. Pennoni, EI Oct. 86 p256-259.

Client relationships

Selecting a Consulting Engineer, William W. Moore, EI Oct. 86 p224-229.

Coal

An Environmentally Acceptable Coal Port (*Ports '80,* 1980), Paul Soros and Mohammed Osman p11-31.

Coal handling

An Environmentally Acceptable Coal Port (*Ports '80,* 1980), Paul Soros and Mohammed Osman p11-31.

Communication skills

Civil Engineers and News Media, Oscar T. Lyon, Jr., EI Oct. 86 p274-277.

Selecting a Consulting Engineer, William W. Moore, EI Oct. 86 p224-229.

Community relations

Internal Marketing, E. Lowell Jacobs, EI Oct. 86 p278-283.

Compatibility

Selecting a Consulting Engineer, William W. Moore, EI Oct. 86 p224-229.

Competitive bidding

Selecting a Consulting Engineer, William W. Moore, EI Oct. 86 p224-229.

Computer aided instruction

Applications of Computer Aided Instruction, C. Hendrickson, A. Pasquale, W. Robinson and M. Rossi-Velasco, EI July 86 p194-202.

Computer applications

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Computer hardware

Computing Equipment for Civil Engineering Education, Jon C. Liebman, EI Jan. 86 p15-20.

Computer software

Computing Equipment for Civil Engineering Education, Jon C. Liebman, EI Jan. 86 p15-20.

Ethics of Using Computer Software in Civil Engineering Design, Mary Lee Dereske-Jones, EI Oct. 86 p269-273.

Computerized design

Ethics of Using Computer Software in Civil Engineering Design, Mary Lee Dereske-Jones, EI Oct. 86 p269-273.

Concrete, reinforced

Structural Response of Skew RC Box Girder Bridge, Alexander C. Scordelis, S. Tanvir Wasti and Frieder Seible, ST Jan. 82 p89-104.

Ultimate Strength of Skew RC Box Girder Bridge, Alexander C. Scordelis, Jack G. Boukamp, S. Tanvir Wasti and Frieder Seible, ST Jan. 82 p105-121.

Construction management

Contractor's Quality Control and Owner's Guidelines, Robert P. Bayless, EI Oct. 86 p230-235.

Consulting engineers

Selecting a Consulting Engineer, William W. Moore, EI Oct. 86 p224-229.

Some Thoughts on the Engineer's Obligations and Responsibilities, Oscar S. Bray, EI July 86 p203-211.

Continuous beams

Dynamic Behavior of Continuous Beams with Moving Loads, Toshiro Hayashikawa and Noboru Watanabe, EM Feb. 81 p229-246.

Contractors

Contractor's Quality Control and Owner's Guidelines, Robert P. Bayless, EI Oct. 86 p230-235.

Cost control

Impact of Design, Construction and Cost on Project Quality, Wallace L. Chadwick, EI Apr. 86 p69-79.

Cost minimization

Public Works: Rational Choice of Design Period, David C. Colony, EI Oct. 86 p285-295.

Curricula

Civil Engineering Pedagogy, John M. Hayes, EI July 86 p173-177.

Liberalizing Aspects of a Civil Engineering Education, Donald A. Andersen, EI July 86 p190-193.

Design

Design in Jeopardy: The Expanding Legal Responsibilities of Engineers, Harvey A. Kagan and James Van de Water, EI Jan. 86 p58-67.

Public Works: Rational Choice of Design Period, David C. Colony, EI Oct. 86 p285-295.

Who Should be Responsible for Structural Steel Design? Edward P. Becker, EI Apr. 86 p134-140.

Developing countries

The Engineer in the Very Small Developing Country, Peter R. Morgan and A. J. Morgan, EI Jan. 86 p21-33.

Dynamic response

Dynamic Behavior of Continuous Beams with Moving Loads, Toshiro Hayashikawa and Noboru Watanabe, EM Feb. 81 p229-246.

Economic analysis

Public Works: Rational Choice of Design Period, David C. Colony, EI Oct. 86 p285-295.

Education

Task Committee on Engineering Education: Report to the Board of Direction, Task Committee on Engineering Education, EI Jan. 82 p67-92.

Education-practice interchange

Task Committee on Engineering Education: Report to the Board of Direction, Task Committee on Engineering Education, EI Jan. 82 p67-92.

Employees

Internal Marketing, E. Lowell Jacobs, EI Oct. 86 p278-283.

Employment

ASCE 1985 Salary Survey, The Committee on Employment Conditions of the Professional Practice Division, EI Oct. 86 p307-326.

Engineering education

Applications of Computer Aided Instruction, C. Hendrickson, A. Pasquale, W. Robinson and M. Rossi-Velasco, EI July 86 p194-202.

Assuring Quality Civil Engineering Education, Neil M. Hawkins, EI Jan. 86 p3-14.

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Civil Engineering Pedagogy, John M. Hayes, EI July 86 p173-177.

Computing Equipment for Civil Engineering Education, Jon C. Liebman, EI Jan. 86 p15-20.

Task Committee on Engineering Education: Report to the Board of Direction, Task Committee on Engineering Education, EI Jan. 82 p67-92.

Engineering firms

Internal Marketing, E. Lowell Jacobs, EI Oct. 86 p278-283.

Engineering profession

Artificial Intelligence, Murray A. Muspratt, EI July 86 p158-169.

Engineering societies

The Role of Engineering Societies in Controlling Hazardous Technology, Stephen H. Unger, EI July 86 p151-157.

What Your Professional Society Can Do for You, William W. Moore, EI July 86 p186-189.

Environmental factors

An Environmentally Acceptable Coal Port (*Ports '80*, 1980), Paul Soros and Mohammed Osman p11-31.

Ethics

Can the Principles of Professionalism and Ethics be Measured? Gary Ostroff, EI July 86 p170-172.

Professional Support for Safety-Conscious Whistleblowers, Dan H. Pletta, EI Apr. 86 p141-149.

The Role of Engineering Societies in Controlling Hazardous Technology, Stephen H. Unger, EI July 86 p151-157.

Expert systems

Artificial Intelligence, Murr..y A. Muspratt, EI July 86 p158-169.

Faculty

Civil Engineering Pedagogy, John M. Hayes, EI July 86 p173-177.

Federal-state cooperation

Commentary on Infrastructure Financing, John H. Wiedeman, EI Jan. 86 p53-57.

Fills

Pulverized Coal Ash as Structural Fill, Gerald A. Leonards and Bruce Bailey, GT Apr. 82 p517-531.

Financing

Assuring Quality Civil Engineering Education, Neil M. Hawkins, EI Jan. 86 p3-14.

Commentary on Infrastructure Financing, John H. Wiedeman, EI Jan. 86 p53-57.

Tax Exempt Bonds Under Attack: A Concern for Engineers, Elmer B. Isaak, EI July 86 p212-217.

Finite element method

Finite Element Weighted Residual Methods: Axisymmetric Shells, Sushil K. Sharma and Arthur P. Boresi, EM Aug. 78 p895-909.

Fire control

An Environmentally Acceptable Coal Port (*Ports '80*, 1980), Paul Soros and Mohammed Osman p11-31.

Fly ash

Pulverized Coal Ash as Structural Fill, Gerald A. Leonards and Bruce Bailey, GT Apr. 82 p517-531.

Foreign engineering

The Engineer in the Very Small Developing Country, Peter R. Morgan and A. J. Morgan, EI Jan. 86 p21-33.

Foundations

Pulverized Coal Ash as Structural Fill, Gerald A. Leonards and Bruce Bailey, GT Apr. 82 p517-531.

Goals

ASCE's Strategic Plan—Issues and Challenges, Albert A. Grant, EI Apr. 86 p81-92.

History

Panama Canal: Its Major Marine Operational Problems and Solution, Miles P. DuVal, Jr., EI Apr. 86 p119-133.

Incineration

Calorific Value of Wastewater Plant Sludges, Alphonse E. Zanoni and David L. Mueller, EE Feb. 82 p187-195.

Infrastructure

Commentary on Infrastructure Financing, John H. Wiedeman, EI Jan. 86 p53-57.

Tax Exempt Bonds Under Attack: A Concern for Engineers, Elmer B. Isaak, EI July 86 p212-217.

Insurance rates

Design in Jeopardy: The Expanding Legal Responsibilities of Engineers, Harvey A. Kagan and James Van de Water, EI Jan. 86 p58-67.

Internships

Work-Term Effectiveness in Co-Operative Civil Engineering Education, Al-Nassri and Edward McBean, EI Oct. 86 p296-305.

Laboratories

Assuring Quality Civil Engineering Education, Neil M. Hawkins, EI Jan. 86 p3-14.

Laboratory equipment

Assuring Quality Civil Engineering Education, Neil M. Hawkins, EI Jan. 86 p3-14.

Lakes

Photosynthesis-Light Mathematical Formulations, Stephen D. Field and Steven W. Effler, EE Feb. 82 p199-203.

Urban Impacts of Water Supply Reservoir, Ernesto Baca, Philip B. Bedient and Richard Olsen, EE Feb. 82 p73-87.

Lateral loads

Dynamic Behavior of Continuous Beams with Moving Loads, Toshiro Hayashikawa and Noboru Watanabe, EM Feb. 81 p229-246.

Leadership

Civil Engineers' Image: Are Younger Members Our Messiah? C. R. Pennoni, EI Oct. 86 p256-259.

Legal factors

Building Structural Failures—Their Cause and Prevention, James G. Gross, EI Oct. 86 p236-248.

Legislation

Commentary on Infrastructure Financing, John H. Wiedeman, EI Jan. 86 p53-57.

Control of Frivolous Lawsuits and Loss Prevention Resources, Gary A. Parks and Robert R. McBride, EI Oct. 86 p249-255.

Professional Support for Safety-Conscious Whistleblowers, Dan H. Pletta, EI Apr. 86 p141-149.

Liability

Building Structural Failures—Their Cause and Prevention, James G. Gross, EI Oct. 86 p236-248.

Control of Frivolous Lawsuits and Loss Prevention Resources, Gary A. Parks and Robert R. McBride, EI Oct. 86 p249-255.

Design in Jeopardy: The Expanding Legal Responsibilities of Engineers, Harvey A. Kagan and James Van de Water, EI Jan. 86 p58-67.

Some Thoughts on the Engineer's Obligations and Responsibilities, Oscar S. Bray, EI July 86 p203-211.

Liability insurance

Design in Jeopardy: The Expanding Legal Responsibilities of Engineers, Harvey A. Kagan and James Van de Water, EI Jan. 86 p58-67.

Liberal arts

Liberalizing Aspects of a Civil Engineering Education, Donald A. Andersen, EI July 86 p190-193.

Licensing

Can the Principles of Professionalism and Ethics be Measured? Gary Ostroff, EI July 86 p170-172.

Loads

Dynamic Behavior of Continuous Beams with Moving Loads, Toshiro Hayashikawa and Noboru Watanabe, EM Feb. 81 p229-246.

Locks

Panama Canal: Its Major Marine Operational Problems and Solution, Miles P. DuVal, Jr., EI Apr. 86 p119-133.

Management engineering

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Marketing

Internal Marketing, E. Lowell Jacobs, EI Oct. 86 p278-283.

Matrix analysis

Dynamic Behavior of Continuous Beams with Moving Loads, Toshiro Hayashikawa and Noboru Watanabe, EM Feb. 81 p229-246.

Metric systems

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Moments

Finite Element Weighted Residual Methods: Axisymmetric Shells, Sushil K. Sharma and Arthur P. Boresi, EM Aug. 78 p895-909.

Noise control

An Environmentally Acceptable Coal Port (*Ports '80,* 1980), Paul Soros and Mohammed Osman p11-31.

Numerical analysis

Finite Element Weighted Residual Methods: Axisymmetric Shells, Sushil K. Sharma and Arthur P. Boresi, EM Aug. 78 p895-909.

Objectives

ASCE's Strategic Plan—Issues and Challenges, Albert A. Grant, EI Apr. 86 p81-92.

Operation

Panama Canal: Its Major Marine Operational Problems and Solution, Miles P. DuVal, Jr., EI Apr. 86 p119-133.

Owners

Contractor's Quality Control and Owner's Guidelines, Robert P. Bayless, EI Oct. 86 p230-235.

Panama Canal

Panama Canal: Its Major Marine Operational Problems and Solution, Miles P. DuVal, Jr., EI Apr. 86 p119-133.

Peer groups

Professional Support for Safety-Conscious Whistleblowers, Dan H. Pletta, EI Apr. 86 p141-149.

Photosynthesis

Photosynthesis-Light Mathematical Formulations, Stephen D. Field and Steven W. Effler, EE Feb. 82 p199-203.

Political constraints

Perpetual Care: The Role of Engineers in Management of Toxic Waste, Lynton K. Caldwell, EI Apr. 86 p107-117.

Ports

An Environmentally Acceptable Coal Port (*Ports '80,* 1980), Paul Soros and Mohammed Osman p11-31.

Pressure

Finite Element Weighted Residual Methods: Axisymmetric Shells, Sushil K. Sharma and Arthur P. Boresi, EM Aug. 78 p895-909.

Professional advancement

What is the Corporate Game These Days, and How Can an Engineer Play it to Advance? E. Lowell Jacobs, EI July 86 p218-221.

Professional development

Member Services through a Local ASCE Office, Richard W. Fulong, EI July 86 p178-185.

What Your Professional Society Can Do for You, William W. Moore, EI July 86 p186-189.

Work-Term Effectiveness in Co-Operative Civil Engineering Education, Al-Nassri and Edward McBean, EI Oct. 86 p296-305.

Professional practice

Can the Principles of Professionalism and Ethics be Measured? Gary Ostroff, EI July 86 p170-172.

Civil Engineering in Crisis, Murray A. Muspratt, EI Jan. 86 p34-48.

Civil Engineering Pedagogy, John M. Hayes, EI July 86 p173-177.

Ethics of Using Computer Software in Civil Engineering Design, Mary Lee Dereske-Jones, EI Oct. 86 p269-273.

Professionalism: Is It Going or Coming? R. Evan Kennedy, EI Jan. 86 p49-52.

Some Thoughts on the Engineer's Obligations and Responsibilities, Oscar S. Bray, EI July 86 p203-211.

Professional registration

Can the Principles of Professionalism and Ethics be Measured? Gary Ostroff, EI July 86 p170-172.

Professional role

Engagement of Engineers in Science Policy, Edward Wenk, Jr., EI Oct. 86 p260-268.

The Engineer in the Very Small Developing Country, Peter R. Morgan and A. J. Morgan, EI Jan. 86 p21-33.

Perpetual Care: The Role of Engineers in Management of Toxic Waste, Lynton K. Caldwell, EI Apr. 86 p107-117.

Professionalism: Is It Going or Coming? R. Evan Kennedy, EI Jan. 86 p49-52.

Professional schools

Task Committee on Engineering Education: Report to the Board of Direction, Task Committee on Engineering Education, EI Jan. 82 p67-92.

Professional societies

What Your Professional Society Can Do for You, William W. Moore, EI July 86 p186-189.

Public health

Perpetual Care: The Role of Engineers in Management of Toxic Waste, Lynton K. Caldwell, EI Apr. 86 p107-117.

Public opinion

Civil Engineers and News Media, Oscar T. Lyon, Jr., EI Oct. 86 p274-277.

Civil Engineers' Image: Are Younger Members Our Messiah? C. R. Pennoni, EI Oct. 86 p256-259.

Professionalism: Is It Going or Coming? R. Evan Kennedy, EI Jan. 86 p49-52.

Public policy

Engagement of Engineers in Science Policy, Edward Wenk, Jr., EI Oct. 86 p260-268.

Public safety

Perpetual Care: The Role of Engineers in Management of Toxic Waste, Lynton K. Caldwell, EI Apr. 86 p107-117.

Professional Support for Safety-Conscious Whistleblowers, Dan H. Pletta, EI Apr. 86 p141-149.

Public welfare

What Your Professional Society Can Do for You, William W. Moore, EI July 86 p186-189.

Public works

Public Works: Rational Choice of Design Period, David C. Colony, EI Oct. 86 p285-295.

Tax Exempt Bonds Under Attack: A Concern for Engineers, Elmer B. Isaak, EI July 86 p212-217.

Quality control

Contractor's Quality Control and Owner's Guidelines, Robert P. Bayless, EI Oct. 86 p230-235.

Impact of Design, Construction and Cost on Project Quality, Wallace L. Chadwick, EI Apr. 86 p69-79.

Reservoirs

Urban Impacts of Water Supply Reservoir, Ernesto Baca, Philip B. Bedient and Richard Olsen, EE Feb. 82 p73-87.

Responsibility

Ethics of Using Computer Software in Civil Engineering Design, Mary Lee Dereske-Jones, EI Oct. 86 p269-273.

Some Thoughts on the Engineer's Obligations and Responsibilities, Oscar S. Bray, EI July 86 p203-211.

Who Should be Responsible for Structural Steel Design? Edward P. Becker, EI Apr. 86 p134-140.

Safety factors

Building Structural Failures—Their Cause and Prevention, James G. Gross, EI Oct. 86 p236-248.

Safety programs

The Role of Engineering Societies in Controlling Hazardous Technology, Stephen H. Unger, EI July 86 p151-157.

Salaries

ASCE 1985 Salary Survey, The Committee on Employment Conditions of the Professional Practice Division, EI Oct. 86 p307-326.

Scheduling

Impact of Design, Construction and Cost on Project Quality, Wallace L. Chadwick, EI Apr. 86 p69-79.

Service life

Public Works: Rational Choice of Design Period, David C. Colony, EI Oct. 86 p285-295.

Services

Assuring Quality Civil Engineering Education, Neil M. Hawkins, EI Jan. 86 p3-14.

Sewage sludge

Calorific Value of Wastewater Plant Sludges, Alphonse E. Zanoni and David L. Mueller, EE Feb. 82 p187-195.

Sewage treatment

Calorific Value of Wastewater Plant Sludges, Alphonse E. Zanoni and David L. Mueller, EE Feb. 82 p187-195.

Shells, structural forms

Finite Element Weighted Residual Methods: Axisymmetric Shells, Sushil K. Sharma and Arthur P. Boresi, EM Aug. 78 p895-909.

Social values

Engagement of Engineers in Science Policy, Edward Wenk, Jr., EI Oct. 86 p260-268.

Soil Mechanics

Pulverized Coal Ash as Structural Fill, Gerald A. Leonards and Bruce Bailey, GT Apr. 82 p517-531.

Solutions

Finite Element Weighted Residual Methods: Axisymmetric Shells, Sushil K. Sharma and Arthur P. Boresi, EM Aug. 78 p895-909.

Strategic planning

ASCE's Strategic Plan—Issues and Challenges, Albert A. Grant, EI Apr. 86 p81-92.

Structural failures

Building Structural Failures—Their Cause and Prevention, James G. Gross, EI Oct. 86 p236-248.

Structural models

Structural Response of Skew RC Box Girder Bridge, Alexander C. Scordelis, S. Tanvir Wasti and Frieder Seible, ST Jan. 82 p89-104.

Ultimate Strength of Skew RC Box Girder Bridge, Alexander C. Scordelis, Jack G. Boukamp, S. Tanvir Wasti and Frieder Seible, ST Jan. 82 p105-121.

Structural response

Structural Response of Skew RC Box Girder Bridge, Alexander C. Scordelis, S. Tanvir Wasti and Frieder Seible, ST Jan. 82 p89-104.

Structural steel

Who Should be Responsible for Structural Steel Design? Edward P. Becker, EI Apr. 86 p134-140.

Symmetry

Finite Element Weighted Residual Methods: Axisymmetric Shells, Sushil K. Sharma and Arthur P. Boresi, EM Aug. 78 p895-909.

Taxes

Tax Exempt Bonds Under Attack: A Concern for Engineers, Elmer B. Isaak, EI July 86 p212-217.

Technology

Engagement of Engineers in Science Policy, Edward Wenk, Jr., EI Oct. 86 p260-268.

Thermal stresses

Finite Element Weighted Residual Methods: Axisymmetric Shells, Sushil K. Sharma and Arthur P. Boresi, EM Aug. 78 p895-909.

Tort laws

Control of Frivolous Lawsuits and Loss Prevention Resources, Gary A. Parks and Robert R. McBride, EI Oct. 86 p249-255.

Toxic waste disposal

Perpetual Care: The Role of Engineers in Management of Toxic Waste, Lynton K. Caldwell, EI Apr. 86 p107-117.

Training

Applications of Computer Aided Instruction, C. Hendrickson, A. Pasquale, W. Robinson and M. Rossi-Velasco, EI July 86 p194-202.

Ultimate strength

Ultimate Strength of Skew RC Box Girder Bridge, Alexander C. Scordelis, Jack G. Boukamp, S. Tanvir Wasti and Frieder Seible, ST Jan. 82 p105-121.

Undergraduate study

Liberalizing Aspects of a Civil Engineering Education, Donald A. Andersen, EI July 86 p190-193.

Work-Term Effectiveness in Co-Operative Civil Engineering Education, Al-Nassri and Edward McBean, EI Oct. 86 p296-305.

Units of measurement

Metrication and American Society of Civil Engineers, A. Ivan Johnson, EI Apr. 86 p93-106.

Urbanization

Urban Impacts of Water Supply Reservoir, Ernesto Baca, Philip B. Bedient and Richard Olsen, EE Feb. 82 p73-87.

Waste management

Perpetual Care: The Role of Engineers in Management of Toxic Waste, Lynton K. Caldwell, EI Apr. 86 p107-117.

Waste site cleanup

Perpetual Care: The Role of Engineers in Management of Toxic Waste, Lynton K. Caldwell, EI Apr. 86 p107-117.

Wastewater treatment

Calorific Value of Wastewater Plant Sludges, Alphonse E. Zanoni and David L. Mueller, EE Feb. 82 p187-195.

Water quality

Urban Impacts of Water Supply Reservoir, Ernesto Baca, Philip B. Bedient and Richard Olsen, EE Feb. 82 p73-87.

Water supply

Urban Impacts of Water Supply Reservoir, Ernesto Baca, Philip B. Bedient and Richard Olsen, EE Feb. 82 p73-87.

Author Index

Al-Nassri
Work-Term Effectiveness in Co-Operative Civil Engineering Education, with Edward McBean, EI Oct. 86, p296-305

Andersen, Donald A.
Liberalizing Aspects of a Civil Engineering Education, EI July 86, p190-193

Baca, Ernesto
Urban Impacts of Water Supply Reservoir, with Philip B. Bedient and Richard Olsen, EE Feb. 82, p73-87
err: EE Aug. 82, p818

Bailey, Bruce
see Leonards, Gerald A., GT Apr. 82, p517-531

Bayless, Robert P.
Contractor's Quality Control and Owner's Guidelines, EI Oct. 86, p230-235

Becker, Edward P.
Who Should be Responsible for Structural Steel Design?, EI Apr. 86, p134-140

Bedient, Philip B.
see Baca, Ernesto, EE Feb. 82, p73-87

Boresi, Arthur P.
see Sharma, Sushil K., EM Aug. 78, p895-909

Boukamp, Jack G.
see Scordelis, Alexander C., ST Jan. 82, p105-121

Bray, Oscar S.
Some Thoughts on the Engineer's Obligations and Responsibilities, EI July 86, p203-211

Caldwell, Lynton K.
Perpetual Care: The Role of Engineers in Management of Toxic Waste, EI Apr. 86, p107-117

Chadwick, Wallace L.
Impact of Design, Construction and Cost on Project Quality, EI Apr. 86, p69-79

Colony, David C.
Public Works: Rational Choice of Design Period, EI Oct. 86, p285-295

The Committee on Employment Conditions of the Professional Practice Division, (Donald C. Wright, chmn.)
ASCE 1985 Salary Survey, EI Oct. 86, p307-326

Dereske-Jones, Mary Lee
Ethics of Using Computer Software in Civil Engineering Design, EI Oct. 86, p269-273

DuVal, Miles P., Jr.
Panama Canal: Its Major Marine Operational Problems and Solution, EI Apr. 86, p119-133

Effler, Steven W.
see Field, Stephen D., EE Feb. 82, p199-203

Field, Stephen D.
Photosynthesis-Light Mathematical Formulations, with Steven W. Effler, EE Feb. 82, p199-203
err: GT Mar. 82, p514-515

Fulong, Richard W.
Member Services through a Local ASCE Office, EI July 86, p178-185

Grant, Albert A.
ASCE's Strategic Plan—Issues and Challenges, EI Apr. 86, p81-92

Gross, James G.
Building Structural Failures—Their Cause and Prevention, EI Oct. 86, p236-248

Hawkins, Neil M.
Assuring Quality Civil Engineering Education, EI Jan. 86, p3-14

Hayashikawa, Toshiro
Dynamic Behavior of Continuous Beams with Moving Loads, with Noboru Watanabe, EM Feb. 81, p229-246
clo: EM Aug. 82, p673

Hayes, John M.
Civil Engineering Pedagogy, EI July 86, p173-177
disc. (of Task Committee on Engineering Education: Report to the Board of Direction, EI Jan. 82, p67-92), EI Oct. 82, p333-334

Hendrickson, C.
Applications of Computer Aided Instruction, with A. Pasquale, W. Robinson and M. Rossi-Velasco, EI July 86, p194-202

Isaak, Elmer B.
Tax Exempt Bonds Under Attack: A Concern for Engineers, EI July 86, p212-217

Jacobs, E. Lowell
Internal Marketing, EI Oct. 86, p278-283
What is the Corporate Game These Days, and How Can an Engineer Play it to Advance?, EI July 86, p218-221

Johnson, A. Ivan
Metrication and American Society of Civil Engineers, EI Apr. 86, p93-106

Kagan, Harvey A.
Design in Jeopardy: The Expanding Legal Responsibilities of Engineers, with James Van de Water, EI Jan. 86, p58-67

Kennedy, R. Evan
Professionalism: Is It Going or Coming?, EI Jan. 86, p49-52

Leonards, Gerald A.
Pulverized Coal Ash as Structural Fill, with Bruce Bailey, GT Apr. 82, p517-531
err: GT July 82, p998

Liebman, Jon C.
Computing Equipment for Civil Engineering Education, EI Jan. 86, p15-20

Lyon, Oscar T., Jr.
Civil Engineers and News Media, EI Oct. 86, p274-277

McBean, Edward
see Al-Nassri, EI Oct. 86, p296-305

McBride, Robert R.
see Parks, Gary A., EI Oct. 86, p249-255

Moore, William W.
Selecting a Consulting Engineer, EI Oct. 86, p224-229
What Your Professional Society Can Do for You, EI July 86, p186-189

Morgan, A. J.
see Morgan, Peter R., EI Jan. 86, p21-33

Morgan, Peter R.
The Engineer in the Very Small Developing Country, with A. J. Morgan, EI Jan. 86, p21-33

Mueller, David L.
see Zanoni, Alphonse E., EE Feb. 82, p187-195

Muspratt, Murray A.
Artificial Intelligence, EI July 86, p158-169
Civil Engineering in Crisis, EI Jan. 86, p34-48

Olsen, Richard
see Baca, Ernesto, EE Feb. 82, p73-87

Osman, Mohammed
see Soros, Paul

Ostroff, Gary
Can the Principles of Professionalism and Ethics be Measured?, EI July 86, p170-172

Parks, Gary A.
Control of Frivolous Lawsuits and Loss Prevention Resources, with Robert R. McBride, EI Oct. 86, p249-255

Pasquale, A.
see Hendrickson, C., EI July 86, p194-202

Pennoni, C. R.
Civil Engineers' Image: Are Younger Members Our Messiah?, EI Oct. 86, p256-259

Pietta, Dan H.
Professional Support for Safety-Conscious Whistleblowers, EI Apr. 86, p141-149

Robinson, W.
see Hendrickson, C., EI July 86, p194-202

Rossi-Velasco, M.
see Hendrickson, C., EI July 86, p194-202

Scordelis, Alexander C.
Structural Response of Skew RC Box Girder Bridge, with S. Tanvir Wasti and Frieder Seible, ST Jan. 82, p89-104
err: ST July 82, p1695
Ultimate Strength of Skew RC Box Girder Bridge, with Jack G. Boukamp, S. Tanvir Wasti and Frieder Seible, ST Jan. 82, p105-121
err: ST July 82, p1694

Seible, Frieder
see Scordelis, Alexander C., ST Jan. 82, p105-121
see Scordelis, Alexander C., ST Jan. 82, p89-104

Sharma, Sushil K.
Finite Element Weighted Residual Methods: Axisymmetric Shells, with Arthur P. Boresi, EM Aug. 78, p895-909
err: EM Apr. 79, p358

Soros, Paul
An Environmentally Acceptable Coal Port, (*Ports '80*, 1980), with Mohammed Osman, p11-31
clo: GT Jan. 82, p169

Task Committee on Engineering Education, (Russel C. Jones, chmn.)
Task Committee on Engineering Education: Report to the Board of Direction, EI Jan. 82, p67-92
disc: John M. Hayes, EI Oct. 82, p333-334

Unger, Stephen H.
The Role of Engineering Societies in Controlling Hazardous Technology, EI July 86, p151-157

Van de Water, James
see Kagan, Harvey A., EI Jan. 86, p58-67

Wasti, S. Tanvir
see Scordelis, Alexander C., ST Jan. 82, p105-121
see Scordelis, Alexander C., ST Jan. 82, p89-104

Watanabe, Noboru
see Hayashikawa, Toshiro, EM Feb. 81, p229-246

Wenk, Edward, Jr.
Engagement of Engineers in Science Policy, EI Oct. 86, p260-268

Wiedeman, John H.
Commentary on Infrastructure Financing, EI Jan. 86, p53-57

Zanoni, Alphonse E.
Calorific Value of Wastewater Plant Sludges, with David L. Mueller, EE Feb. 82, p187-195
err: EE Dec. 82, p1393